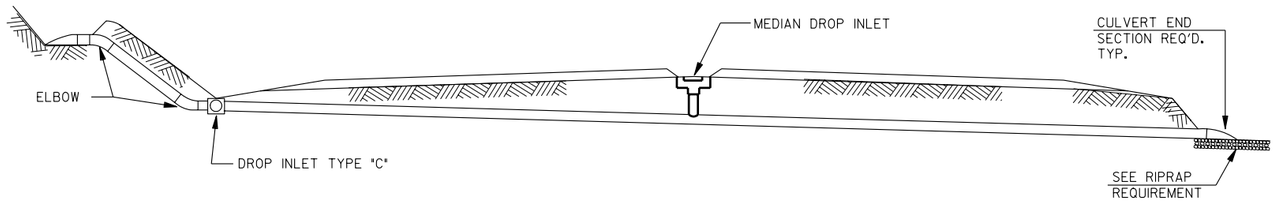
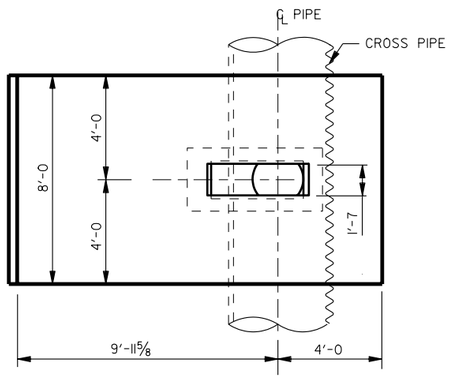
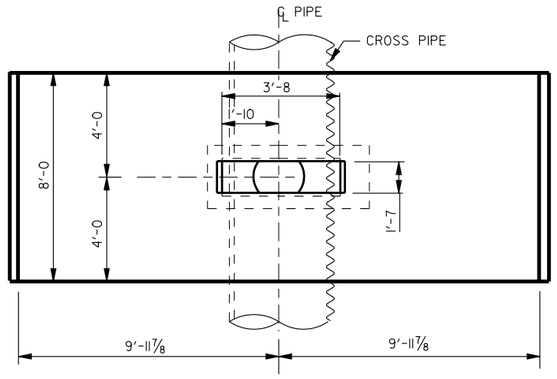


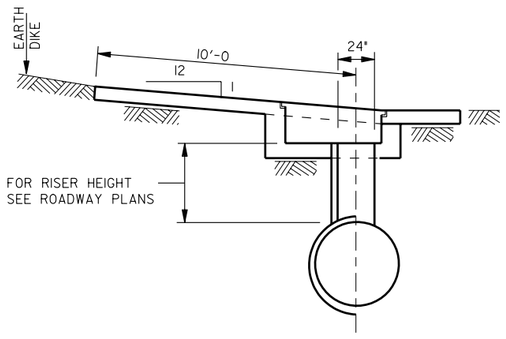
TYP. CROSS SECTION SHOWING MEDIAN DROP INLET AND DROP INLET TYPE "C"



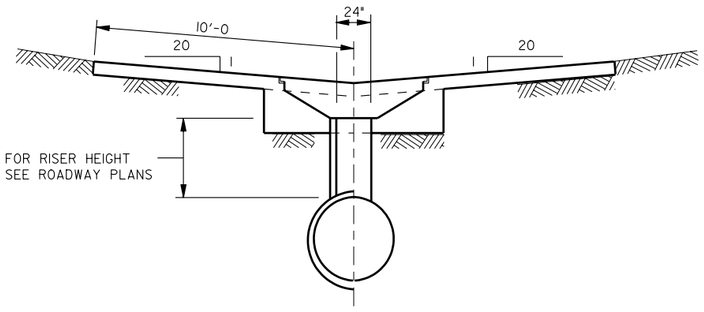
DIKE APRON PLAN



PLAN

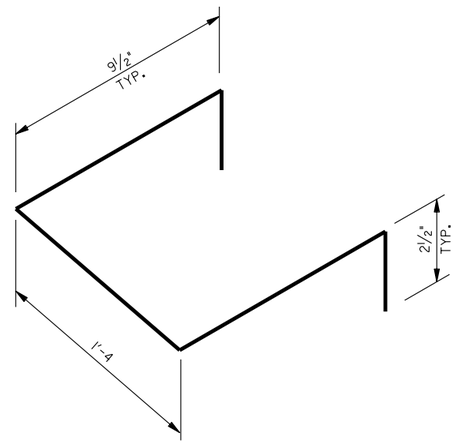


DROP INLET TYPE "A"



DROP INLET TYPE "B"

DETAILS OF DROP INLET INTO PIPE CULVERT



TYP. LADDER RUNG DETAIL
(SEE DROP INLET TYPE "C" AND "D" TABLES)

GENERAL NOTES FOR CB 6A TO CB 6H

1. ALL REINFORCING STEEL: COATED DEFORMED BILLET STEEL BARS CONFORMING TO AASHTO M 284 OR M 111 AND M 31M GRADE 400.
2. USE 24" DIA. PIPE RISER UNLESS OTHERWISE SPECIFIED.
3. TYPE II CEMENT (LOW ALKALI) REQUIRED.
4. LADDER RUNGS MADE FROM COATED #7 REBAR.
5. USE GRATING AND BEARING ANGLES AS DESCRIBED ON STD DWG GF 3
6. DEDUCT CONCRETE DISPLACED BY PIPES FROM QUANTITIES GIVEN IN THE APPROPRIATE TABLE.
7. ORIENTED GRATES WITH LONGITUDINAL AXIS PARALLEL TO MAJOR FLOW OF DITCH, IN ALL CASES.
8. CONSTRUCT AN EARTH DIKE AS PART OF DROP INLET. TYPE "B" DROP INLET DOES NOT REQUIRE ON EARTH DIKE.
9. NOT FOR USE WITH EITHER CORRUGATED POLYETHYLENE PIPE OR VITRIFIED CLAY PIPE.
10. PLACE A NOTE ON THE PLAN AND PROFILE SHEET CLEARLY DESCRIBING THE TYPE OF DROP INLET REQUIRED, THE RISER DIAMETER WHEN OTHER THAN 24" DIA. AND WHETHER OR NOT AN APRON IS REQUIRED AT THE APPROPRIATE STATION.
11. USE STRAIGHT #5 REBAR AT 24" CENTERS EXCEPT AS NOTED OTHERWISE. CUT AND FIELD BEND BARS WHERE NECESSARY TO CLEAR PIPES.

DESIGN DATA

HS 20-44 LOADING OR INTERSTATE ALTERNATE LOADING IN ACCORDANCE WITH CURRENT AASHTO AND INTERIM SPECIFICATIONS. f'_c = 1400 psi
f_s = 24000 psi
n = 8

QUANTITIES

(SEE TABLES)

REVISIONS

NO.	DATE	APPR.	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION
SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL — JULY 03,2002 DATE

CHAIRMAN STANDARDS COMMITTEE
APPROVED — JULY 03,2002 DATE

DEPUTY DIRECTOR

STANDARD DROP INLET DETAILS GENERAL NOTES AND INSTALLATION DETAIL

STANDARD DRAWING TITLE

STD DWG
CB 6A